

Miami Dade County 1st Quarter 2010 Residential Single Stream Program





This represents enough saved timber

42 million Kw-Hrs

of Electricity from

fulfill the monthly electricity

This is enough power to

needs of more than



In the 1st Quarter 2010, Miami Dade County recycled: 705 tons of Cardboard/paper;

6,928 tons of Newspaper; 719 tons of mixed

paper; 181 tons of tin Cans; 869 tons of plastics;

115 tons of aluminum;

And 2,939 tons of glass.

We also managed 762 tons of residue at

Waste-to-energy (WTE) facilities.



resources to produce more than 1.3 Billion sheets of newspaper!



42,421 Cubic Yards Of Landfill Airspace

Recycling

42,459 homes!

This represents enough airspace to fulfill the municipal waste disposal needs for 662,814 people for one month!



Recycling these materials avoided their manufacturing from Virgin materials thereby conserving these natural resources. (Ise of WITE also generated electricity as noted.



20,714 Barrels of Oil

This provides enough energy to heat and cool more than 51,703 homes for one month!

Avoided 15,300 Metric Tons (MTCO₂E) of GHG Emissions

The recycling of these materials prevented these GHG emissions!

Over 2 Million Kw-Hrs of Electricity from Waste-to-Energy

This is enough power to fulfill the monthly electricity needs of more than 2,009 homes!



58.4 Million Gallons of Water

This represents enough fresh water to meet the daily fresh water needs of more than 779,520 people!

1 The environmental benefits shown here represent the difference in natural resource consumption and GHG emissions that result from using recycled inputs Versus Virgin inputs. MTCO2E = metric tons of Carbon dioxide equivalent. Sources: I.S. Environmental Protection Agency, International Aluminum Institute, National Association for PET Container Resources, Institute of Scrap Recycling Industries, Earth Works Group Recycler's Handbook, One Earth Recycle, Bring Recycling.org, National Recycling Coalition, US Forest Products Laboratory, Wheelabrator Technologies, and Waste Management. Copyright ©2008 by Waste Management, Inc.